

ESTROGEN-REGULATED UNCONVENTIONAL MYOSIN-RELATED PROTEIN: COMPOSITIONS AND METHODS OF USE

ABSTRACT OF THE DISCLOSURE

The present invention provides nucleic acid and protein sequences for a novel estrogen-regulated unconventional myosin protein, as well as methods for using the sequences for modulating the effects of estrogen in mammalian cells, methods of detecting
5 estrogen signaling in cells, and methods of identifying compounds capable of acting as an estrogen receptor agonist or antagonist.

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